

Om nucleic - protein search, using frame_plus_n2p model

Run on: May 18, 2004, 17:02:11 ; Search time 0.001 Seconds
 (without alignments)
 224.316 Million cell updates/sec

Title: US-09-659-379-4
 Perfect score: 993
 Sequence: 1 CCGGGATCCGAGAATCT.....GAAGGCACTCGAGCGGTGTC 558

Scoring table: BLOSUM62
 Xgapop 10.0 , Xgapext 0.5
 Ygapop 10.0 , Ygapext 0.5
 Fgapop 6.0 , Fgapext 7.0
 Delop 6.0 , Delext 7.0

Searched: 2 seqs, 201 residues

Total number of hits satisfying chosen parameters: 4

Minimum DB seq length: 0
 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 45 summaries

Command line parameters:
 -MODLIB=frame+map.model -DEV=Bsoft -Q=US09659379.seq -DB=US09659379.pep
 -MAPFILE=peco -OUT=compare -MINNMatch=0.1 -LOOPCL=0 -UNITS=bits
 -STAT=1 -END=1 -MATRIX=blosum62 -TRANS=human40_cdi -LIST=45 -DOALIGN=200
 -THR SCORE_PCT THR MIN=0 -THR MAX=100 -THR MIN=0 -ALIGN=0 -MODE=LOCAL -OUTFILE=p.o
 -NORI=ext -HEASIZE=500 -MINLEN=0 -MAXLEN=2000000000 -NCPU=6 -NO_XLPXY
 -NEG SCORES=0 -LONGLOG -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FGAPOP=6 -FGAPEXT=7
 -YGAPOP=10 -YGPEEXT=0.5 -DELOP=6 -DELEXT=7

Database : US09659379.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	819	82.5	175	1 US-09-659-379-6	Sequence 6, Appl
c 2	36	3.7	175	1 US-09-659-379-6	Sequence 6, Appl
c 3	26	2.6	26	1 US-09-659-379-5	Sequence 5, Appl
c 4	21	2.1	26	1 US-09-659-379-5	Sequence 5, Appl

ALIGNMENTS

RESULT 1	US-09-659-379-6	Sequence 6, APPLICATION: US/09659379
;	;	GENERAL INFORMATION:
;	;	APPLICANT: Viniik, Aaron
;	;	Pittenger, Gary
;	;	Rafaeloff-Phail, Ronit
;	;	Barlow, Scott
;	;	TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF
;	;	NUMBER OF SEQUENCES: 6
;	;	CORRESPONDENCE ADDRESS: Banner & Witcoff, Ltd

```

STREET: 1001 G Street, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20001

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FAST SEQ FOR WINDO
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/6
FILING DATE: 08-Sep-2000
CLASSIFICATION: Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/9
FILING DATE: 12-AUG-1997
APPLICATION NUMBER: 08/741,
FILING DATE: 30-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Ragan, Sarah A
REGISTRATION NUMBER: 32,145
REFERENCE/DOCKET NUMBER: 05
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX: 97430 BMB UT
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 175 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO:
US-09-659-379-6

Alignment Scores:
Pred. No.: 0 Le
Score: 819.00 Ma
Percent Similarity: 100.00% Co
Best Local Similarity: 100.00% Mi
Query Match: 82.48% In
DB: 1 Ga
US-09-659-379-4 (1-558) x US-09-659-379-6

QY 12 GAAGATCTAAAAAGAACTGGCTTCT
QY 27 GluGluSerGlnLysIleProSerI
Db 72 TATGGGTCTATTGCTATTCACTGATT
Db 47 TyrGlySerTyrCysThrSerLeuLe
QY 132 TCCGCCAGATGCCATTCTAGGACAC
QY 67 SerCysGlnWetHisSerGlyHisI
Db 192 TCGTGTCTCCCTCTGAGAACAGT
Db 87 PheValSerLeuVallysAsnSerI
QY 252 CATGATCCCTAACATGGTAACATCCC
Db 107 HisAspProSerHisCysThrLeuPro
QY 312 GTCGTTGCTCTCAGAAATCAGGAGGG
Db 127 ValLeuThrPhyTrpAsnTrpGluArg
QY 372 GCAGTTTGCTCTCAGAAATCAGGTTTTC

```

TITLE, OF INVENTION: HIGH LEVEL EXPRESSION OF INGAP IN BACTERIAL AND EUKARYOTIC CELLS
 NUMBER OF SEQUENCES: 6

CORRESPONDENCE ADDRESS: 6

ADDRESSEE: Banner & Witcoff, Ltd.
 STREET: 1001 G Street, N.W.

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20001

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/659/379

FILING DATE: 08-Sep-2000

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/909/725

FILING DATE: 12-Aug-1997

APPLICATION NUMBER: US/08/41,096

FILING DATE: 30-Oct-1996

ATTORNEY/AGENT INFORMATION:

NAME: Kegan, Sarah A.

REGISTRATION NUMBER: 32,145

REFERENCE/DOCKET NUMBER: 0570-05173

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-508-9100

TELEFAX: 202-508-9299

TELEX: 97430 BMB/T

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 26 amino acids

TYPE: amino acid

STRANDEDNESS/ single

TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 5 :

US-09-659-379-5

Alignment Scores:

Pred. No.: 0

Length: 26

Score: 21.00

Matches: 3

Percent Similarity: 60.00%

Conservative: 0

Best Local Similarity: 67.00%

Mismatches: 2

Query Match: 2.14%

DB: 1

Index: 0

Gaps: 0

US-09-659-379-4 (1-558) x US-09-659-379-5 (1-26)

Qy 265 TGAGGGATCTGG 251

|||

Db 8 CysArgMetSerTrp 12

|||

Search completed: May 18, 2004, 17:02:11
 Job time : 0.001 secs